

SURVEY INFORMATION SYSTEM

Report of Survey Mark

Designation:	THUNDER	T.R.S:	28N, 14W, 20	ACCOUNTS INFORMATION		
Monument ID:	3868	Corner Code:		BOOK	PROJECT	INVOICE
NGS Pid:		State Route:	110 SPUR	137	005346	23-99026
State:	WASHINGTON	Mile Post:	8.2	224 / 233	MS5400	23-05032
County:	CLALLAM	Station:		NA	MT0319	23-11026
Region:	OL	Offset:				
Nearest Town:	FORKS	Owner:	GS			
USGS Quad:	QUILLAYUTE PRAIRIE	Bearing:	M			

TO REACH THE STATION FROM THE INTERSECTION OF SR 101 AND DIVISION STREET IN FORKS, GO NORTH 1.52 MILES ALONG SR 101 TO THE SR 101 AND SR 110 LAPUSH ROAD JUNCTION, TURN LEFT AND GO WEST 7.80 MILES ALONG SR 110 TO THE JUNCTION OF SR 110 AND SR 110 SPUR, TURN RIGHT AND GO WEST 0.37 MILES ALONG SR 110 SPUR TO MARK ON RIGHT. IT IS LOCATED IN THE NORTH SIDE AND OVER THE CENTER PIER OF THESOL DUC RIVER BRIDGE, 90 CM @ 175 DEGREES FROM THE NORTH CONCRETE BARRIER, 53.2 METERS @ 260 DEGREES FROM THE EAST PAVEMENT SEAT, 3.9 METERS @ 350 DEGREES FROM THE APPROXIMATE CENTERLINE OF SR 110 SPUR AND 45.6 METERS @ 85 DEGREES FROM THE WEST PAVEMENT SEAT. THE MARK IS A PLAIN BRASS DISK CEMENTED INTO A DRILL HOLE AND SET LEVEL WITH THE CONCRETE ROADWAY SURFACE. NOTE: THIS STATION REPLACES GP05110-19 WHICH WAS DESTROYED BY CONSTRUCTION. ***NOTE: MARK HAS BEEN SCRAPED DOWN AND ONLY VISIBLE STAMPING IS "WSDOT SURVEY MARK"



Survey Control

Datum: NAD 83/11		Date: 01/30/2013					
Lat: 47 54 53.554836 N		Long: 124 32 30.045418 W		Ellips: -5.188 (M) -17.021 (USFt)		Geoid: -23.296 (M)	
Washington State Plane Zone: North							
Northing		Easting		Scale	Comb Factor	Conv Angle	
108394.574 (M) 355624.532 (USFt)		222929.963 (M) 731396.054 (USFt)		0.99994850	0.99994931	-2 45 39.4	
Ortho:		Date: 04/09/1999		Survey Info	Accuracy	Network	Method
Datum:		NAVD 88		Horizontal	2 CM	PRIMARY	GPS
Elevation:		18.108 (M) 59.409 (USFt)		Ellips	5 CM		GPS
				Ortho	1 CM	PRIMARY	DIFF LEVELS

Datum: NAD 83/07				Date: 05/20/2008			
Lat: 47 54 53.553051 N		Long: 124 32 30.048183 W		Ellips: -5.232 (M) -17.165 (USFt)		Geoid: -23.340 (M)	
Washington State Plane Zone: North							
Northing		Easting		Scale	Comb Factor	Conv Angle	
108394.522 (M) 355624.361 (USFt)		222929.903 (M) 731395.857 (USFt)		0.99994851	0.99994933	-2 45 39.4	
Ortho:		Date: 04/09/1999		Survey Info	Accuracy	Network	Method
Datum:		NAVD 88		Horizontal	2 CM	PRIMARY	GPS
Elevation:		18.108 (M) 59.409 (USFt)		Ellips	5 CM		GPS
				Ortho	1 CM	PRIMARY	DIFF LEVELS

Datum: NAD 83/91			Date: 02/05/2007						
Lat: 47 54 53.546816 N		Long: 124 32 30.055491 W		Ellips: -5.012 (M) -16.444 (USFt)		Geoid: -23.120 (M)			
Washington State Plane Zone: North									
Northing			Easting			Scale	Comb Factor	Conv Angle	
108394.337 (M) 355623.754 (USFt)			222929.742 (M) 731395.329 (USFt)			0.99994851	0.99994930	-2 45 39.4	
Ortho: Date: 04/09/1999			Survey Info		Accuracy		Network		Method
Datum: NAVD 88			Horizontal		2 CM		PRIMARY		GPS
Elevation: 18.108 (M) 59.409 (USFt)			Ellips		5 CM				GPS
			Ortho		1 CM		PRIMARY		DIFF LEVELS

Datum: NAD 83/91			Date: 04/09/1999		
Lat: 47 54 53.546145 N		Long: 124 32 30.057269 W		Ellips: -5.028 (M) -16.496 (USFt)	
Geoid: -23.136 (M)					
Washington State Plane Zone: North					
Northing		Easting		Scale	Comb Factor
				Conv Angle	
108394.318 (M) 355623.692 (USFt)		222929.704 (M) 731395.204 (USFt)		0.99994851	0.99994930
				-2 45 39.4	
Ortho:	Date: 04/09/1999	Survey Info	Accuracy	Network	Method
Datum:	NAVD 88	Horizontal	2 CM	PRIMARY	GPS
Elevation:	18.108 (M) 59.409 (USFt)	Ellips	5 CM		GPS
		Ortho	1 CM	PRIMARY	DIFF LEVELS

History

Recovered On	Recovered By	Action	Condition
12/23/2015	GEOGRAPHIC SERVICES	RECOVERED	GOOD
1/30/2013	GEOGRAPHIC SERVICES	UPDATED	
5/20/2008	GEOGRAPHIC SERVICES	UPDATED	
2/5/2007	GEOGRAPHIC SERVICES	UPDATED	
4/9/1999	GEOGRAPHIC SERVICES	MONUMENTED	